REF No 18535

CLEVELAND TIN N.L.

CATEGORY

HOLE No.: C1015

GENERAL DATA

Objective: .....

Area of Operation: CLEVELAND MINE, TASMANIA Location: 8 Khaki West 4N Nof Gg Section

Collar R.L.: ..... Co-ordinates: ..... N, ... E.

Bearing of Hole: 132° Angle of Hole: -13° Final Depth: 39.52m

Drilling Commenced: ..... Completed: ..... Logged by: G Boyce

DRILLING DATA

Drilled by: [redacted] PHILPOTT Non Coring: .....

Drilling Rig: E500 Coring: .....

Driller(s): .....

..... Core Recovery: .....

HOLE SURVEYS

TROPARIS

25' 139° -14°

128'6" 135°30' -15°

HOLE No.:

NWPS 171.55

23 201

HOLE No.: C1015

SAMPLE DATA

SHEET No.: 1

LENS	SAMPLE No.	ROCK TYPE	Σ	INTERVAL From	INTERVAL To	Length (L)	Assays (A) % Snt	Assays (A) % Sns	Assays (A) % Cu	Product (A x L) P. Snt	Product (A x L) P. Sns	Product (A x L) P. Cu
×	149202	Lode		4.16	5.18	1.02	0.39	0.02	0.08			
	149203	"		5.18	6.34	1.16	1.16	0.03	0.17			
Kiku	149204	Lode		7.72	8.83	1.11	1.07	0.04	0.19			
	149205	"		8.83	10.03	1.20	1.01	0.05	0.12			
	149206	"		10.03	11.28	1.25	1.66	0.03	0.11			
	149207	"		11.28	12.58	1.30	1.33	0.03	0.08			
×	149208	"		12.58	13.02	0.44	2.10	0.05	0.14			
	[illegible]		Σ	4.16	13.02	8.86	1.00	0.03	0.11	8.8711	0.2841	0.9366
	149209	Lode		21.98	22.18	1.20	1.40	0.03	0.11			
	149210	"		22.18	24.61	1.43	1.25	0.04	0.12			
	149211	Lode		26.15	26.75	0.60	0.34	0.07	0.12			
	149212	Lode		27.00	28.17	1.17	1.10	0.04	0.13			
	149213	Lode		28.44	29.51	1.07	0.61	0.05	0.08			
	149214	"		29.51	30.48	0.98	1.62	0.03	0.25			
	149215	"		30.48	31.53	1.05	0.73	0.04	0.04			

HOLE No.: C1015

SAMPLE DATA

SHEET No.: 2

LENS	SAMPLE No.	ROCK TYPE	Σ	INTERVAL From	INTERVAL To	Length (L)	Assays (A) % Snt	Assays (A) % Sns	Assays (A) % Cu	Product (A x L) P. Snt	Product (A x L) P. Sns	Product (A x L) P. Cu
	149216	Lode		31·53	32·65	1·02	0·46	0·06	0·06			
	149217	"		32·65	33·68	1·03	0·92	0·07	0·14			
	149218	"		33·68	35·10	1·42	0·88	0·06	0·14			
			Σ	21·98	35·10	13·12	0·81	0·04	0·11	10·6777	0·5314	1·4496
	149219	Lode		36·22	37·22	1·00	0·40	0·03	0·27			
	149220	"		37·22	38·36	1·14	0·50	0·02	0·20			
			Σ	36·22	38·36	2·14	0·45	0·02	0·23			

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HOLE No. C1015

GEOLOGICAL LOG

SHEET No. 1

From 0 To 17.02

LIFTS From	LIFTS To	LIFTS Recovery	DRILL INTERVAL From	DRILL INTERVAL To	Length	BEDDING Angle to Core Axis	ROCK TYPE	DESCRIPTION	ASSAYS % Snt	ASSAYS % Sns	ASSAYS % Cu
0	3.05	1.80	0	4.16	4.16		Chert Shale	Fine, massive, interbedded, pale			
3.05	3.66	0.49						grey chert and pale to mid grey			
3.66	3.96	0.30						shale. Minor carbonate veining.			
3.96	5.18	1.06	4.16	6.34	2.18		Lode	Pyrrhotite, pyrite, minor chalcopyrite,			
5.18	6.70	1.30						carbonate, quartz, chlorite, minor			
6.70	8.23	1.53						~~tourmaline~~ Flourite. Chlorite distribution			
8.23	11.28	2.90						patchy, some possibly amphibole.			
11.28	12.80	1.52						Sulphides minor, fine, veins and			
12.80	13.41	0.57						disseminated. Minor chert			
13.41	14.63	0.92	6.34	6.95	0.61		Shale	Fine, massive, mid to dark grey			
14.63	15.24	0.35						green shale to 6.70, pale grey			
15.24	15.85	0.52						massive shale ~~after~~.			
15.85	17.37	1.15	6.95	7.72	0.77		Chert	Fine, massive, pale grey to cream			
17.37	19.20	1.60						~~grey~~ chert. Abundant carbonate			
19.20	21.33	1.70						veining.			
21.33	23.78	2.05	7.72	13.02	5.30		Lode	Pyrrhotite, minor pyrite, minor			
23.78	25.60	1.77						chalcopyrite, ~~chlorite~~ amphibole, carbonate,			
25.60	27.74	1.94						quartz. Sulphides fine to medium grained			
27.74	30.48	2.30						patchy, disseminated, veins. Minor chert			

N.W.P.S.

HOLE No. C1015

GEOLOGICAL LOG

SHEET No. 2

From 13.02 To 24.61

LIFTS			DRILL INTERVAL			BEDDING	ROCK TYPE	DESCRIPTION	ASSAYS		
From	To	Recovery	From	To	Length	Angle to Core Axis			% Snt	% Sns	% Cu
30.48	33.53	3.05						After 10.3 there are minor			
33.52	35.97	2.09						carbonate veins, amphibole free			
35.97	39.01	2.50						sections.			
39.01	39.52	0.29	13.02	16.05	3.03		Shale	Fine, massive, pale to mid grey			
	END							shale often heavily pale spotted.			
			16.05	17.00	0.95		Sandstone	massive, medium grained, pale grey,			
								pale speckled sandstone.			
			17.00	20.60	3.60		Shale	Fine, massive, mid grey, slightly			
								green tinged shale. Minor pale			
								spotting, minor carbonate veining.			
			20.60	21.63	1.03		Sandstone	massive, pale grey, pale speckled			
								sandstone. Medium grained. Minor			
								quartz, carbonate veining.			
			21.63	21.98	0.35		Shale	Fine, massive, mid to dark grey			
								shale. Some poorly developed, sub-			
								chaotic bedding.			
			21.98	24.61	2.63		Shale	Pyrrhotite, minor pyrite, quartz,			
								carbonate, amphibole, minor veinous			
								tourmaline. Sulphides patchy, veins.			

N.W.P.S.

HOLE No. C1015

GEOLOGICAL LOG

SHEET No. 3

From 24.61 To 36.22

LIFTS			DRILL INTERVAL			BEDDING	ROCK TYPE	DESCRIPTION	ASSAYS		
From	To	Recovery	From	To	Length	Angle to Core Axis			% Snt	% Sns	% Cu
			24.61	26.15	1.54		Chert	Fine, massive to bedded, pale to dark grey chert, shaley in places. Minor carbonate veining. Some possible tourmalinization.			
			26.15	26.75	0.60		Lode	Pyrrhotite, vuggy pyrite, quartz, carbonate, tourmaline (selvedges). Sulphides fine to medium grained, disseminated.			
			26.75	27.00	0.25		Shale	Fine, massive pale grey shale.			
			27.00	28.17	1.17		Lode	Pyrrhotite, pyrite, quartz, carbonate, minor amphibole, tourmaline (selvedges). Pyrite vuggy. Sulphides fine to medium grained, disseminated, veins.			
			28.17	28.44	0.27		Shale	Fine, massive, pale grey-green shale.			
			28.44	35.10	6.66		Lode	Pyrrhotite, pyrite (vuggy) quartz, carbonate, tourmaline (selvedges and veins). Sulphides fine to medium grained, disseminated, veins.			
			35.10	36.22	1.12		Chert/Shale	Fine, massive, pale grey chert and shale.			

N.W.P.S.

HOLE No. C1C15

GEOLOGICAL LOG

SHEET No. 4

From 36.22 To 39.52 End

LIFTS			DRILL INTERVAL			BEDDING	ROCK TYPE	DESCRIPTION	ASSAYS		
From	To	Recovery	From	To	Length	Angle to Core Axis			% Snt	% Sns	% Cu
			36.22	38.36	2.14		Lode	Pyrite, quartz carbonate, tourmaline,			
								(selvedges) Pyrite fine, wispy,			
								disseminated and veins.			
			38.36	38.59	0.23		Sandstone	Massive, black, cream speckled,			
								medium grained tourmalinized sandstone.			
			38.59	39.52	0.93		Chert	Fine, massive, dark grey chert			
				End				? Silicified tourmalinized shale?			
								End of hole.			

N.W.P.S.